Library System ×

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Navigator

SCHEMAS

Filter objects

▼ library_db
  ▶ Tables
  ▶ Views
    Stored Procedures
    Functions
▼ sys
  ▶ Tables
  ▶ Views
  ▶ Stored Procedures
  ▶ Functions

Query 1 ×

Limit to 1000 rows

```
3      FROM WorkRequest
4      ORDER BY requestDate DESC
5      LIMIT 50;
6
7  •   SELECT * FROM User
8
9  ⊗   SELECT * FROM WorkRequest
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

requestId	type	requesterId	approverId	fromEnterpriseId	toEnterpriseId	requestDate	status	description
3	Checkout	4	NULL	1	0	2025-12-12 11:35:47	Pending	Request to checkout book: Clean Code
1	ILL Request	3	NULL	1	2	2025-12-12 09:58:09	Pending	Request for Design Patterns book from Central ...
2	Book Acquisition	2	NULL	1	2	2025-12-12 09:58:09	Pending	Request to acquire new programming books
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

Execution Plan

WorkRequest 3 ×

Apply   Revert

Administration   Schemas

Information

No object selected

SQLAdditions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
⊗ 1	16:16:02	SELECT * FROM User LIMIT 0, 1000	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCHEMAS list in the sidebar.	0.000 sec
✓ 2	16:31:22	USE library_db	0 row(s) affected	0.000 sec
✓ 3	16:31:40	SELECT * FROM WorkRequest ORDER BY requestDate DESC LIMIT 50	2 row(s) returned	0.000 sec / 0.000 sec
✓ 4	16:32:12	SELECT * FROM User LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
⊗ 5	17:07:46	FROM WorkRequest ORDER BY requestDate DESC LIMIT 50	Error Code: 1064. You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near...	0.000 sec
✓ 6	17:07:57	SELECT * FROM WorkRequest ORDER BY requestDate DESC LIMIT 50	3 row(s) returned	0.000 sec / 0.000 sec

Object Info   Session

Activate Windows
Go to Settings to activate Windows

Type here to search

31°C Sunny

5:08 PM
12/12/2025

Library System ×

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Navigator

MANAGEMENT
- Server Status
- Client Connections
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- Data Export
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INSTANCE
- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE
- Dashboard
- Performance Reports
- Performance Schema Setup

Administration   Schemas

Information

No object selected

Object Info   Session

Query 1 ×

Limit to 1000 rows

```
3      FROM WorkRequest
4      ORDER BY requestDate DESC
5      LIMIT 50;
6
7 ●    SELECT * FROM User
8
9 ✖    SHOW TABLES;
```

Result Grid | Filter Rows: Export: | Wrap Cell Content:

Tables_in_library_db
Book
BookTransaction
User
WorkRequest

Result
Grid

Form
Editor

Field
Types

Query
Stats

Execution
Plan

Result 1 ×   ⓘ Read Only   Context Help   Snippets

SQL Additions

◀ ▶ | Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✖ 1	02:01:35	SHOW TABLES	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCHEMAS list in the sidebar.	0.000 sec
✔ 2	02:01:43	USE library_db	0 row(s) affected	0.000 sec
✔ 3	02:01:47	SHOW TABLES	4 row(s) returned	0.000 sec / 0.000 sec

Library System

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Navigator

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Query 1

Limit to 1000 rows

```
1   •   USE library_db;
2   •   SELECT *
3       FROM WorkRequest
4       ORDER BY requestDate DESC
5       LIMIT 50;
6
7   •   SELECT * FROM User
8
9   ✗   DESCRIBE User;
10
11
```
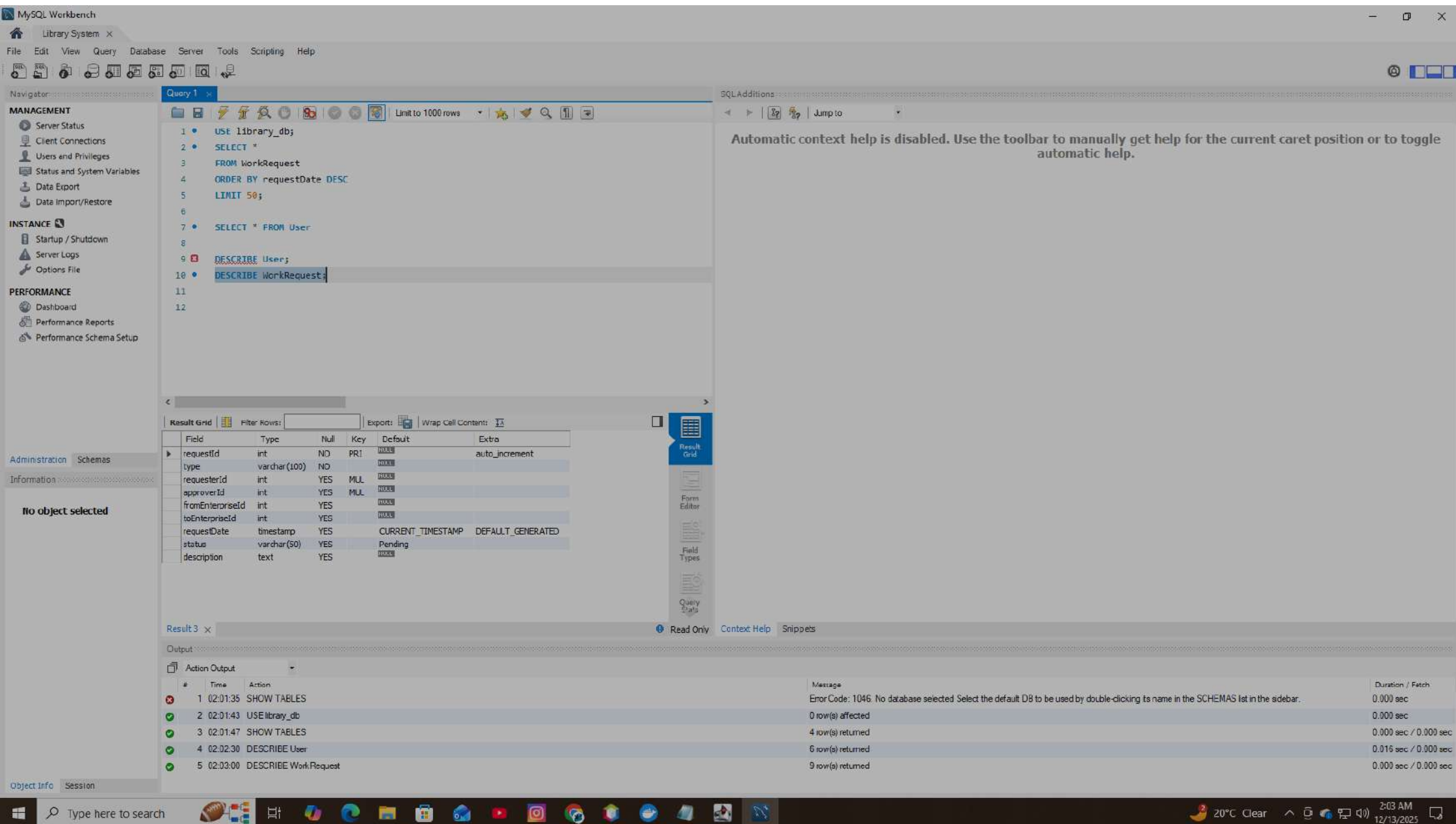
SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Jump to

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

Field	Type	Nul	Key	Default	Extra
userId	int	NO	PRI	NULL	auto_increment
username	varchar(100)	NO	UNI	NULL	
password	varchar(100)	NO		NULL	
email	varchar(100)	YES		NULL	
role	varchar(50)	NO		NULL	
enterpriseId	int	YES		NULL	

Result Grid

Form Editor

Field Types

Query Stats

Administration   Schemas

Information

No object selected

Result 2

Read Only   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✗ 1	02:01:35	SHOW TABLES	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCHEMAS list in the sidebar.	0.000 sec
✓ 2	02:01:43	USE library_db	0 row(s) affected	0.000 sec
✓ 3	02:01:47	SHOW TABLES	4 row(s) returned	0.000 sec / 0.000 sec
✓ 4	02:02:30	DESCRIBE User	6 row(s) returned	0.016 sec / 0.000 sec

Object Info   Session

Type here to search

20°C Clear

2:02 AM
12/13/2025

MySQL Workbench

Library System

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Navigator

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- Data Import/Restore

INSTANCE
- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE
- Dashboard
- Performance Reports
- Performance Schema Setup

Query 1

Limit to 1000 rows

```
1   USE library_db;
2   SELECT *
3   FROM WorkRequest
4   ORDER BY requestDate DESC
5   LIMIT 50;
6
7   SELECT * FROM User
8
9   DESCRIBE User;
10  DESCRIBE WorkRequest;
11
12
```

SQL Additions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid   Filter Rows: Export: Wrap Cell Content:

Field	Type	Null	Key	Default	Extra
requestId	int	NO	PRI	NULL	auto_increment
type	varchar(100)	NO		NULL	
requesterId	int	YES	MUL	NULL	
approverId	int	YES	MUL	NULL	
fromEnterpriseId	int	YES		NULL	
toEnterpriseId	int	YES		NULL	
requestDate	timestamp	YES		CURRENT_TIMESTAMP	DEFAULT_GENERATED
status	varchar(50)	YES		Pending	
description	text	YES		NULL	

Result
Grid

Form
Editor

Field
Types

Query
Stats

Result 3   Read Only   Context Help   Snippets

Administration   Schemas

Information

No object selected

Output

Action Output

#	Time	Action	Message	Duration / Fetch
1	02:01:35	SHOW TABLES	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCHEMAS list in the sidebar.	0.000 sec
2	02:01:43	USE library_db	0 row(s) affected	0.000 sec
3	02:01:47	SHOW TABLES	4 row(s) returned	0.000 sec / 0.000 sec
4	02:02:30	DESCRIBE User	6 row(s) returned	0.016 sec / 0.000 sec
5	02:03:00	DESCRIBE WorkRequest	9 row(s) returned	0.000 sec / 0.000 sec

Object Info   Session

Type here to search   20°C Clear   2:03 AM   12/13/2025

Library System ×

File Edit View Query Database Server Tools Scripting Help

Query 1 ×

Navigator

MANAGEMENT
- Server Status
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INSTANCE
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PERFORMANCE
- Dashboard
- Performance Reports
- Performance Schema Setup

Limit to 1000 rows

```sql
1 •  USE library_db;
2 •  SELECT *
3    FROM WorkRequest
4    ORDER BY requestDate DESC
5    LIMIT 50;
6
7 •  SELECT * FROM User
8
9 ⊠  DESCRIBE User;
10 • DESCRIBE WorkRequest;
11 • DESCRIBE Book;
12
13
14
```

SQL Additions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Filter Rows: | Export: | Wrap Cell Content:

	Field	Type	Null	Key	Default	Extra
▶	bookId	int	NO	PRI	NULL	auto_increment
	isbn	varchar(20)	NO	UNI	NULL	
	title	varchar(200)	NO		NULL	
	author	varchar(100)	NO		NULL	
	category	varchar(50)	YES		NULL	
	totalCopies	int	YES		1	
	availableCopies	int	YES		1	
	enterpriseId	int	YES		NULL	

Result Grid

Form Editor

Field Types

Query Stats

Administration Schemas

Information

No object selected

Result 4 ×

🛈 Read Only   Context Help Snippets

Object Info Session

Output

Action Output

#	Time	Action	Message	Duration / Fetch
⊗ 1	02:01:35	SHOW TABLES	Error Code: 1046. No database selected Select the default DB to be used by double-clicking its name in the SCHEMAS list in the sidebar.	0.000 sec
✓ 2	02:01:43	USE library_db	0 row(s) affected	0.000 sec
✓ 3	02:01:47	SHOW TABLES	4 row(s) returned	0.000 sec / 0.000 sec
✓ 4	02:02:30	DESCRIBE User	6 row(s) returned	0.016 sec / 0.000 sec
✓ 5	02:03:00	DESCRIBE WorkRequest	9 row(s) returned	0.000 sec / 0.000 sec
✓ 6	02:03:24	DESCRIBE Book	8 row(s) returned	0.000 sec / 0.000 sec

Library System ×

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

MANAGEMENT
- Server Status
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INSTANCE
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- Server Logs
- Options File

PERFORMANCE
- Dashboard
- Performance Reports
- Performance Schema Setup

Query 1 ×

Limit to 1000 rows

```sql
  1    USE library_db;
  2    SELECT *
  3    FROM WorkRequest
  4    ORDER BY requestDate DESC
  5    LIMIT 50;
  6
  7    SELECT * FROM User
  8
  9    DESCRIBE User;
 10    DESCRIBE WorkRequest;
 11    DESCRIBE Book;
 12    SELECT * FROM User;
 13
 14
 15
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

userId	username	password	email	role	enterpriseId
1	admin	admin123	admin@library.com	SystemAdmin	0
2	director1	dir123	director@community.com	LibraryDirector	1
3	lib1	lib123	librarian@community.com	Librarian	1
4	member1	mem123	member@email.com	Member	1
*	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

Administration   Schemas

Information

No object selected

User 5 ×

Apply

Context Help   Snippets

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

Action Output

#	Time	Action	Message	Duration / Fetch
2	02:01:43	USE library_db	0 row(s) affected	0.000 sec
3	02:01:47	SHOW TABLES	4 row(s) returned	0.000 sec / 0.000 sec
4	02:02:30	DESCRIBE User	6 row(s) returned	0.016 sec / 0.000 sec
5	02:03:00	DESCRIBE WorkRequest	9 row(s) returned	0.000 sec / 0.000 sec
6	02:03:24	DESCRIBE Book	8 row(s) returned	0.000 sec / 0.000 sec
7	02:03:45	SELECT * FROM User LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info   Session

MySQL Workbench

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Query 1 ×

Navigator

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PERFORMANCE
- Dashboard
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- Performance Schema Setup

```sql
1 •   USE library_db;
2 •   SELECT *
3     FROM WorkRequest
4     ORDER BY requestDate DESC
5     LIMIT 50;
6
7 •   SELECT * FROM User
8
9 ✗   DESCRIBE User;
10 •  DESCRIBE WorkRequest;
11 •  DESCRIBE Book;
12 •  SELECT * FROM User;
13 •  SELECT * FROM Book;
14
15
16
17
```

Limit to 1000 rows

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Jump to

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: 𝐼𝐴

	bookId	isbn	title	author	category	totalCopies	availableCop
▶	1	978-0-13-468599-1	Clean Code	Robert C. Martin	Programming	5	5
	2	978-0-13-235088-4	Clean Architecture	Robert C. Martin	Programming	3	3
	3	978-0-07-462641-0	The Design of Everyday Things	Don Norman	Design	4	4
	4	978-0-13-110362-7	The Pragmatic Programmer	Andrew Hunt	Programming	6	6
	5	978-0-201-63361-0	Design Patterns	Gang of Four	Programming	2	2
*	NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

Administration   Schemas

Information

No object selected

Book 6 ×

Apply   Context Help   Snippets

Output

Action Output

	#	Time	Action	Message	Duration / Fetch
✓	3	02:01:47	SHOW TABLES	4 row(s) returned	0.000 sec / 0.000 sec
✓	4	02:02:30	DESCRIBE User	6 row(s) returned	0.016 sec / 0.000 sec
✓	5	02:03:00	DESCRIBE WorkRequest	9 row(s) returned	0.000 sec / 0.000 sec
✓	6	02:03:24	DESCRIBE Book	8 row(s) returned	0.000 sec / 0.000 sec
✓	7	02:03:45	SELECT * FROM User LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓	8	02:04:00	SELECT * FROM Book LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Object Info   Session

Type here to search   20°C Clear   2:04 AM   12/13/2025

Library System

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Query 1

Navigator

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PERFORMANCE
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Limit to 1000 rows

```sql
1    USE library_db;
2    SELECT *
3    FROM WorkRequest
4    ORDER BY requestDate DESC
5    LIMIT 50;
6
7    SELECT * FROM User
8
9    DESCRIBE User;
10   DESCRIBE WorkRequest;
11   DESCRIBE Book;
12   SELECT * FROM User;
13   SELECT * FROM Book;
14   SELECT * FROM WorkRequest;
15
16
17
```

Administration   Schemas

Information

No object selected

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

requestId	type	requesterId	approverId	fromEnterpriseId	toEnterpriseId	requestDate
1	ILL Request	3	NULL	1	2	2025-12-12 09:58:09
2	Book Acquisition	2	NULL	1	2	2025-12-12 09:58:09
3	Checkout	4	NULL	1	0	2025-12-12 11:35:47
4	Book Checkout Request	4	3	1	1	2025-12-12 19:44:46
5	Book Acquisition Request	2	NULL	1	2	2025-12-12 19:51:17
6	Book Acquisition Request	2	NULL	1	2	2025-12-12 20:18:39
7	ILL Request	3	NULL	1	2	2025-12-12 20:20:32
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

WorkRequest 7

Apply

Context Help   Snippets

SQL Additions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

Action Output

#	Time	Action	Message	Duration / Fetch
4	02:02:30	DESCRIBE User	6 row(s) returned	0.016 sec / 0.000 sec
5	02:03:00	DESCRIBE WorkRequest	9 row(s) returned	0.000 sec / 0.000 sec
6	02:03:24	DESCRIBE Book	8 row(s) returned	0.000 sec / 0.000 sec
7	02:03:45	SELECT * FROM User LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
8	02:04:00	SELECT * FROM Book LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
9	02:04:16	SELECT * FROM WorkRequest LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec

Object Info   Session

Type here to search

20°C Clear

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Library System

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Query 1

Limit to 1000 rows

```
 3      FROM WorkRequest
 4      ORDER BY requestDate DESC
 5      LIMIT 50;
 6
 7 •    SELECT * FROM User
 8
 9 ⊗    DESCRIBE User;
10 •    DESCRIBE WorkRequest;
11 •    DESCRIBE Book;
12 •    SELECT * FROM User;
13 •    SELECT * FROM Book;
14 •    SELECT * FROM WorkRequest;
15
16      INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId
17      VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'Testing', 3, 3, 1);
18
19 •    SELECT * FROM Book;
```

SQL Additions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid   Filter Rows: Edit: Export/Import: Wrap Cell Content:

bookId	isbn	title	author	category	totalCopies	availableCop
1	978-0-13-468599-1	Clean Code	Robert C. Martin	Programming	5	5
2	978-0-13-235088-4	Clean Architecture	Robert C. Martin	Programming	3	3
3	978-0-07-462541-0	The Design of Everyday Things	Don Norman	Design	4	4
4	978-0-13-110362-7	The Pragmatic Programmer	Andrew Hunt	Programming	6	6
5	978-0-201-63361-0	Design Patterns	Gang of Four	Programming	2	2
6	999999999	Screenshot Test Book	Tester	Testing	3	3
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

Administration Schemas

Information

No object selected

Book 8   Apply   Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	6 02:03:24	DESCRIBE Book	8 row(s) returned	0.000 sec / 0.000 sec
✓	7 02:03:45	SELECT * FROM User LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
✓	8 02:04:00	SELECT * FROM Book LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓	9 02:04:16	SELECT * FROM WorkRequest LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec
✓	10 02:04:47	INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId) VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'T...	1 row(s) affected	0.015 sec
✓	11 02:04:57	SELECT * FROM Book LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Object Info Session

Type here to search

20°C Clear

2:05 AM
12/13/2025

MySQL Workbench

Library System ×

File Edit View Query Database Server Tools Scripting Help

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Options File

PERFORMANCE
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Performance Schema Setup

Administration Schemas

Information

No object selected

Query 1

Limit to 1000 rows

```sql
1    USE library_db;
2    SELECT *
3    FROM WorkRequest
4    ORDER BY requestDate DESC
5    LIMIT 50;
6
7    SELECT * FROM User
8
9    DESCRIBE User;
10   DESCRIBE WorkRequest;
11   DESCRIBE Book;
12   SELECT * FROM User;
13   SELECT * FROM Book;
14   SELECT * FROM WorkRequest;
15
16   INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId)
17   VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'Testing', 3, 3, 1);
18
19   SELECT * FROM Book;
20
21   UPDATE Book
22   SET title = 'Updated Test Book'
23   WHERE isbn = '999999999';
24
25
26
```

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Context Help Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
7	02:03:45	SELECT * FROM User LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec
8	02:04:00	SELECT * FROM Book LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
9	02:04:16	SELECT * FROM WorkRequest LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec
10	02:04:47	INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId) VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'T...	1 row(s) affected	0.015 sec
11	02:04:57	SELECT * FROM Book LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
12	02:05:31	UPDATE Book SET title = 'Updated Test Book' WHERE isbn = '999999999'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec

Object Info Session

Type here to search

20°C Clear

2:05 AM
12/13/2025

Library System ×

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

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Query 1 ×

Limit to 1000 rows

```sql
3      FROM WorkRequest
4      ORDER BY requestDate DESC
5      LIMIT 50;
6
7  •   SELECT * FROM User
8
9  ☒   DESCRIBE User;
10 •   DESCRIBE WorkRequest;
11 •   DESCRIBE Book;
12 •   SELECT * FROM User;
13 •   SELECT * FROM Book;
14 •   SELECT * FROM WorkRequest;
15
16 •   INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId
17     VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'Testing', 3, 3, 1);
18
19 •   SELECT * FROM Book;
```

SQL Additions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content:

bookId	isbn	title	author	category	totalCopies	availableCop
1	978-0-13-468599-1	Clean Code	Robert C. Martin	Programming	5	5
2	978-0-13-235088-4	Clean Architecture	Robert C. Martin	Programming	3	3
3	978-0-07-462541-0	The Design of Everyday Things	Don Norman	Design	4	4
4	978-0-13-110362-7	The Pragmatic Programmer	Andrew Hunt	Programming	6	6
5	978-0-201-63361-0	Design Patterns	Gang of Four	Programming	2	2
6	999999999	Updated Test Book	Tester	Testing	3	3
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

Book 9 ×   Apply

Administration   Schemas

Information

No object selected

Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	8 02:04:00	SELECT * FROM Book LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓	9 02:04:16	SELECT * FROM WorkRequest LIMIT 0, 1000	7 row(s) returned	0.000 sec / 0.000 sec
✓	10 02:04:47	INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId) VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'T...	1 row(s) affected	0.015 sec
✓	11 02:04:57	SELECT * FROM Book LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
✓	12 02:05:31	UPDATE Book SET title = 'Updated Test Book' WHERE isbn = '999999999'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
✓	13 02:05:57	SELECT * FROM Book LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec

Object Info   Session

Type here to search

20°C Clear

2:06 AM
12/13/2025

Library System ✕

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

MANAGEMENT
- Server Status
- Client Connections
- Users and Privileges
- Status and System Variables
- Data Export
- Data Import/Restore

INSTANCE
- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE
- Dashboard
- Performance Reports
- Performance Schema Setup

Query 1 ✕

Limit to 1000 rows

```
1   USE library_db;
2   SELECT *
3   FROM WorkRequest
4   ORDER BY requestDate DESC
5   LIMIT 50;
6
7   SELECT * FROM User
8
9   DESCRIBE User;
10  DESCRIBE WorkRequest;
11  DESCRIBE Book;
12  SELECT * FROM User;
13  SELECT * FROM Book;
14  SELECT * FROM WorkRequest;
15
16  INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId)
17  VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'Testing', 3, 3, 1);
```

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: IA

bookId	isbn	title	author	category	totalCopies	availableCop
1	978-0-13-468599-1	Clean Code	Robert C. Martin	Programming	5	5
2	978-0-13-235088-4	Clean Architecture	Robert C. Martin	Programming	3	3
3	978-0-07-462641-0	The Design of Everyday Things	Don Norman	Design	4	4
4	978-0-13-110362-7	The Pragmatic Programmer	Andrew Hunt	Programming	6	6
5	978-0-201-63361-0	Design Patterns	Gang of Four	Programming	2	2
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

Book 10 ✕

Apply   Context Help   Snippets

SQL Additions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Output

Action Output

#	Time	Action	Message	Duration / Fetch
10	02:04:47	INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId) VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'T...	1 row(s) affected	0.015 sec
11	02:04:57	SELECT * FROM Book LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
12	02:05:31	UPDATE Book SET title = 'Updated Test Book' WHERE isbn = '999999999'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
13	02:05:57	SELECT * FROM Book LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
14	02:06:16	DELETE FROM Book WHERE isbn = '999999999'	1 row(s) affected	0.187 sec
15	02:06:21	SELECT * FROM Book LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec

Type here to search   20°C Clear   2:06 AM 12/13/2025

Library System ×

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

MANAGEMENT
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INSTANCE
- Startup / Shutdown
- Server Logs
- Options File

PERFORMANCE
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- Performance Schema Setup

Query 1 ×

Limit to 1000 rows

```
11 •  DESCRIBE Book;
12 •  SELECT * FROM User;
13 •  SELECT * FROM Book;
14 •  SELECT * FROM WorkRequest;
15
16 •  INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId
17    VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'Testing', 3, 3, 1);
18
19 •  SELECT * FROM Book;
20
21 •  UPDATE Book
22    SET title = 'Updated Test Book'
23    WHERE isbn = '999999999';
24
25 •  DELETE FROM Book WHERE isbn = '999999999';
26
27 •  SELECT * FROM WorkRequest;
```

SQL Additions

Jump to

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: |

requestId	type	requesterId	approverId	fromEnterpriseId	toEnterpriseId	requestDate
1	ILL Request	3	NULL	1	2	2025-12-12 09:58:09
2	Book Acquisition	2	NULL	1	2	2025-12-12 09:58:09
3	Checkout	4	NULL	1	0	2025-12-12 11:35:47
4	Book Checkout Request	4	3	1	1	2025-12-12 19:44:46
5	Book Acquisition Request	2	NULL	1	2	2025-12-12 19:51:17
6	Book Acquisition Request	2	NULL	1	2	2025-12-12 20:18:39
7	ILL Request	3	NULL	1	2	2025-12-12 20:20:32
NULL	NULL	NULL	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

Administration   Schemas

Information

No object selected

WorkRequest 11 ×

Apply   Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	11 02:04:57	SELECT * FROM Book LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
✓	12 02:05:31	UPDATE Book SET title = 'Updated Test Book' WHERE isbn = '999999999'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
✓	13 02:05:57	SELECT * FROM Book LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
✓	14 02:06:16	DELETE FROM Book WHERE isbn = '999999999'	1 row(s) affected	0.187 sec
✓	15 02:06:21	SELECT * FROM Book LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓	16 02:06:43	SELECT * FROM WorkRequest LIMIT 0, 1000	7 row(s) returned	0.016 sec / 0.000 sec

Object Info   Session

Type here to search

20°C Clear

2:06 AM
12/13/2025

Library System ×

File   Edit   View   Query   Database   Server   Tools   Scripting   Help

Navigator

MANAGEMENT
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INSTANCE
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- Server Logs
- Options File

PERFORMANCE
- Dashboard
- Performance Reports
- Performance Schema Setup

Query 1 ×

Limit to 1000 rows

```
13 •   SELECT * FROM Book;
14 •   SELECT * FROM WorkRequest;
15
16 •   INSERT INTO Book (isbn, title, author, category, totalCopies, availableCopies, enterpriseId
17       VALUES ('999999999', 'Screenshot Test Book', 'Tester', 'Testing', 3, 3, 1);
18
19 •   SELECT * FROM Book;
20
21 •   UPDATE Book
22       SET title = 'Updated Test Book'
23       WHERE isbn = '999999999';
24
25 •   DELETE FROM Book WHERE isbn = '999999999';
26
27 •   SELECT * FROM WorkRequest;
28
29 •   SELECT userId, username, role, email FROM User;
```

SQLAdditions

Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.

Result Grid | Filter Rows: | Edit: | Export/Import: | Wrap Cell Content: ‡A

userId	username	role	email
1	admin	SystemAdmin	admin@library.com
2	director1	LibraryDirector	director@community.com
3	lib1	Librarian	librarian@community.com
4	member1	Member	member@email.com
*	NULL	NULL	NULL	NULL

Result Grid

Form Editor

Field Types

Query Stats

User 12 ×   Apply

Administration   Schemas

Information

No object selected

Context Help   Snippets

Output

Action Output

#	Time	Action	Message	Duration / Fetch
✓	12	02:05:31	UPDATE Book SET title = 'Updated Test Book' WHERE isbn = '999999999'	1 row(s) affected Rows matched: 1 Changed: 1 Warnings: 0	0.016 sec
✓	13	02:05:57	SELECT * FROM Book LIMIT 0, 1000	6 row(s) returned	0.000 sec / 0.000 sec
✓	14	02:06:16	DELETE FROM Book WHERE isbn = '999999999'	1 row(s) affected	0.187 sec
✓	15	02:06:21	SELECT * FROM Book LIMIT 0, 1000	5 row(s) returned	0.000 sec / 0.000 sec
✓	16	02:06:43	SELECT * FROM WorkRequest LIMIT 0, 1000	7 row(s) returned	0.016 sec / 0.000 sec
✓	17	02:07:12	SELECT userId, username, role, email FROM User LIMIT 0, 1000	4 row(s) returned	0.000 sec / 0.000 sec

Object Info   Session

Q Search   Ctrl+K

Ask Gordon BETA
Containers
Images
Volumes
Kubernetes
Builds

Models
MCP Toolkit BETA

Docker Hub
Docker Scout

Extensions

< ▤ **lab101**
C:\Users\deshm\OneDrive\Documents\NetBeansProjects\lab10.1

View configurations ▷ ◼ 🗑

mysql ●
mysql:8.0
3307:3306 ⎘

```
2025-12-12 14:10:12+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.44-1.el9 started.
2025-12-12 14:10:13+00:00 [Note] [Entrypoint]: Switching to dedicated user 'mysql'
2025-12-12 14:10:13+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.44-1.el9 started.
'/var/lib/mysql/mysql.sock' -> '/var/run/mysqld/mysqld.sock'
2025-12-12T14:10:13.665327Z 0 [Warning] [MY-011068] [Server] The syntax '--skip-host-cache' is deprecated and will be removed in a future release. Please use SET
GLOBAL host_cache_size=0 instead.
2025-12-12T14:10:13.668707Z 0 [Warning] [MY-010918] [Server] 'default_authentication_plugin' is deprecated and will be removed in a future release. Please use
authentication_policy instead.
2025-12-12T14:10:13.669155Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.0.44) starting as process 1
2025-12-12T14:10:13.684696Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2025-12-12T14:10:14.291456Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2025-12-12T14:10:14.522686Z 0 [System] [MY-010229] [Server] Starting XA crash recovery...
2025-12-12T14:10:14.547538Z 0 [System] [MY-010232] [Server] XA crash recovery finished.
2025-12-12T14:10:14.611717Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.
2025-12-12T14:10:14.611766Z 0 [System] [MY-013602] [Server] Channel mysql_main configured to support TLS. Encrypted connections are now supported for this channel.
2025-12-12T14:10:14.616728Z 0 [Warning] [MY-011810] [Server] Insecure configuration for --pid-file: Location '/var/run/mysqld' in the path is accessible to all OS
users. Consider choosing a different directory.
2025-12-12T14:10:14.646220Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Bind-address: '::' port: 33060, socket: /var/run/mysqld/mysqlx.sock
2025-12-12T14:10:14.646493Z 0 [System] [MY-010931] [Server] /usr/sbin/mysqld: ready for connections. Version: '8.0.44'  socket: '/var/run/mysqld/mysqld.sock'
port: 3306  MySQL Community Server - GPL.
2025-12-12 19:43:38+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.44-1.el9 started.
2025-12-12 19:43:38+00:00 [Note] [Entrypoint]: Switching to dedicated user 'mysql'
2025-12-12 19:43:38+00:00 [Note] [Entrypoint]: Entrypoint script for MySQL Server 8.0.44-1.el9 started.
'/var/lib/mysql/mysql.sock' -> '/var/run/mysqld/mysqld.sock'
2025-12-12T19:43:39.447758Z 0 [Warning] [MY-011068] [Server] The syntax '--skip-host-cache' is deprecated and will be removed in a future release. Please use SET
GLOBAL host_cache_size=0 instead.
2025-12-12T19:43:39.451403Z 0 [Warning] [MY-010918] [Server] 'default_authentication_plugin' is deprecated and will be removed in a future release. Please use
authentication_policy instead.
2025-12-12T19:43:39.451879Z 0 [System] [MY-010116] [Server] /usr/sbin/mysqld (mysqld 8.0.44) starting as process 1
2025-12-12T19:43:39.469630Z 1 [System] [MY-013576] [InnoDB] InnoDB initialization has started.
2025-12-12T19:43:40.094115Z 1 [System] [MY-013577] [InnoDB] InnoDB initialization has ended.
2025-12-12T19:43:40.306678Z 0 [System] [MY-010229] [Server] Starting XA crash recovery...
2025-12-12T19:43:40.331477Z 0 [System] [MY-010232] [Server] XA crash recovery finished.
2025-12-12T19:43:40.434731Z 0 [Warning] [MY-010068] [Server] CA certificate ca.pem is self signed.
2025-12-12T19:43:40.434781Z 0 [System] [MY-013602] [Server] Channel mysql_main configured to support TLS. Encrypted connections are now supported for this channel.
2025-12-12T19:43:40.439543Z 0 [Warning] [MY-011810] [Server] Insecure configuration for --pid-file: Location '/var/run/mysqld' in the path is accessible to all OS
users. Consider choosing a different directory.
2025-12-12T19:43:40.467703Z 0 [System] [MY-011323] [Server] X Plugin ready for connections. Bind-address: '::' port: 33060, socket: /var/run/mysqld/mysqlx.sock
2025-12-12T19:43:40.467981Z 0 [System] [MY-010931] [Server] /usr/sbin/mysqld: ready for connections. Version: '8.0.44'  socket: '/var/run/mysqld/mysqld.sock'
port: 3306  MySQL Community Server - GPL.
2025-12-12T19:44:15.569748Z 8 [Warning] [MY-013360] [Server] Plugin mysql_native_password reported: ''mysql_native_password' is deprecated and will be removed in a
future release. Please use caching_sha2_password instead'
```